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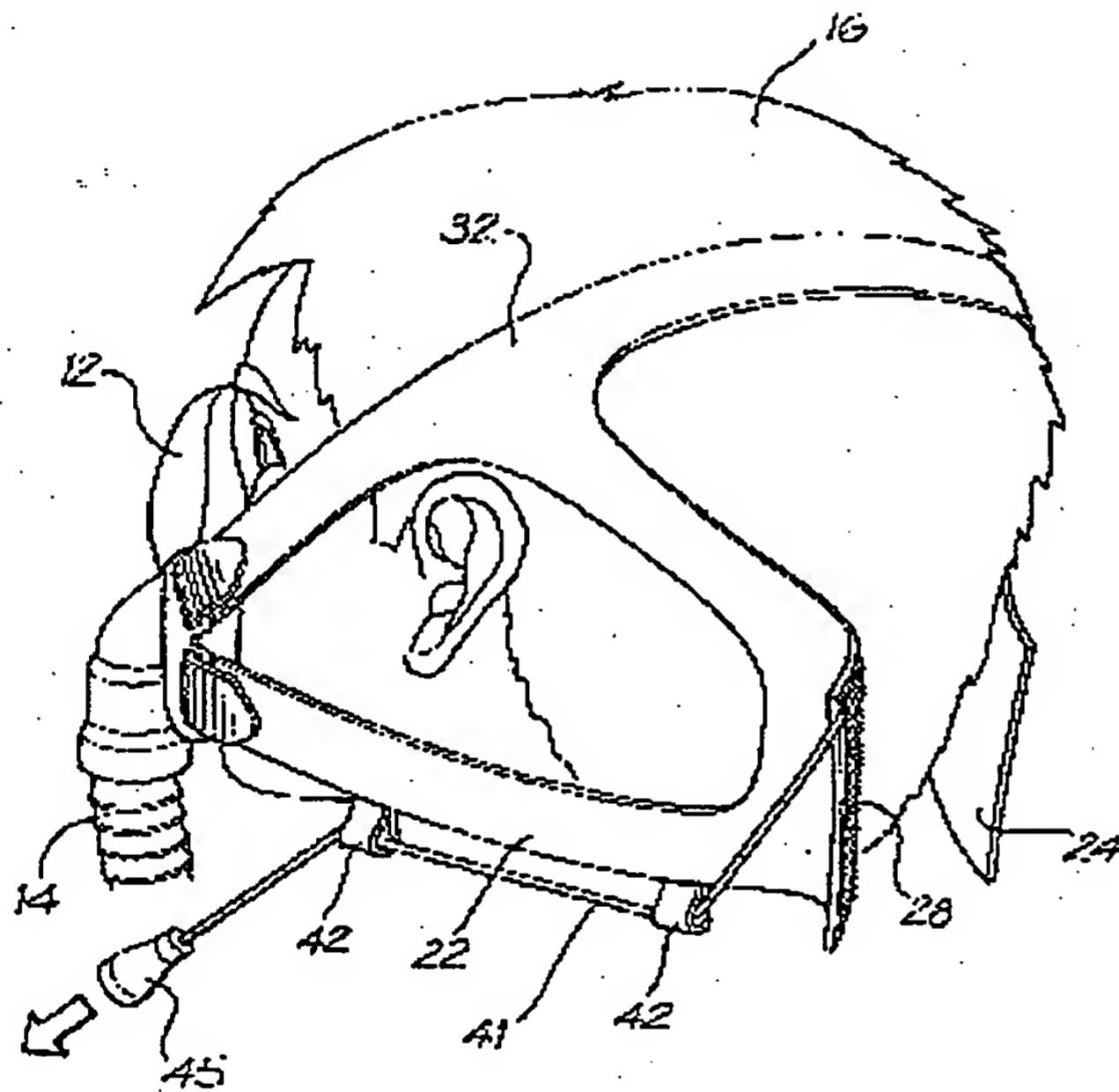
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 (51) Int.Cl. A62B 18/08
 (30) 1999/01/12 (PP 8121) AU
 (50) COUVRE-CHEF
 (54) HEADGEAR

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(57) Headgear (20) for securing a respiratory mask (12) to a patient incorporates a quick release arrangement. The headgear has at least one strap (22,24) extending from each side of the mask, the straps being releasably fastened rearwards of the patient's face to secure the mask. The headgear further includes release means in the form of a pull cord (41) attached to an overlying strap (22) at its region of fastening to the underlying strap (24) and guided forward to be gripped at the front of patient. Pulling forward on the pull tab (45) of the cord (41) separates the fastening (28) between the straps (22,24) and pulls the mask away from the patient's face.



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The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. Respiratory mask-securing headgear for securing to the face of a wearer a respiratory mask having a first side and an opposite second side, the headgear including at least one strap extending from each of the first and second sides of the mask, the straps in use being releasably fastened at a region rearwards of the facial region of the wearer by fastening means so as to secure the mask, the headgear further including release means acting on the fastening means and in use extending forward of the fastening means such that the release means may be gripped from substantially the front of the wearer and actuated to release the fastening means and thereby allow removal of the headgear from the wearer.
2. Respiratory mask-securing headgear according to claim 1 wherein the fastening means is located in use at the rear of the wearer's head.
3. Respiratory mask-securing headgear according to claim 1 wherein the fastening means includes a hook fastener attached to one of said straps.
4. Respiratory mask-securing headgear according to claim 3 wherein the hook fastener releasably fastens to a covering of said other strap.
5. Respiratory mask-securing headgear according to claim 1 wherein one of said straps overlies the other of said straps at said fastening means, wherein said release means is attached to said overlying strap at said fastening means and acts to pull said overlying strap away from said other strap to release the fastening means.
6. Respiratory mask-securing headgear according to claim 5 wherein said fastening means includes a hook fastener on an inner surface of said overlying strap.

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7. Respiratory mask-securing headgear according to claim 6 wherein said release means is a release cord attached at one end thereof to said inner surface of the overlying strap.
- 5 8. Respiratory mask-securing headgear according to claim 7 wherein said release means is attached at an upper portion of said inner surface.
9. Respiratory mask-securing headgear according to claim 7 wherein the overlying strap has one or more guides through which the release cord passes, such 10 that a distal end of the release cord is located at the front of the wearer and may be pulled to activate release of the fastening means.
10. Respiratory mask-securing headgear according to claim 9 wherein a force acting on the headgear due to pulling of the cord acts to retain said other strap against 15 the wearer's head whilst pulling away the overlying strap.
11. Respiratory mask-securing headgear according to claim 10 wherein further pulling of the cord in substantially the same direction acts to remove the headgear and mask from the wearer.
- 20 12. Respiratory mask-securing headgear according to claim 10 the fastening means is located in use at the rear of the wearer's head.
13. Respiratory mask-securing headgear according to claim 1 when used to secure 25 a respiratory mask to a patient, said mask being a part of a patient gas delivery for treatment of a respiratory disease.
14. A combination according to claim 13 wherein said respiratory disease is Obstructive Sleep Apnea.



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(12) Patent Application:

(11) CA 2295457

(54) HEADGEAR

(54) COUVRE-CHEF

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ABSTRACT:

Headgear {20} for securing a respiratory mask (12) to a patient incorporates a quick release arrangement. The headgear has at least one strap (22,24) extending from each side of the mask, the straps being releasably fastened rearwards of the patient's face to secure the mask. The headgear further includes release means in the form of a pull cord (41) attached to an overlying strap (22) at its region of fastening to the underlying strap (24) and guided forward

to be gripped at the front of patient. Pulling forward on the pull tab (45) of the cord (41) separates the fastening (28) between the straps (22,24) and pulls the mask away from the patient's face.

CLAIMS: [Show all claims](#)

*** Note: Data on abstracts and claims is shown in the official language in which it was submitted.

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